

EC510 Electronic Dictionary

User's Manual

MENU

CHAPTER 1	INTRODUCTION.....	1
1-1	Accessories.....	1
1-2	Product Overviews.....	2
1-3	General Specification.....	3
CHAPTER 2	SAFETY NOTICES	4
2-1	Notes for Accessories.....	5
2-2	Simple Troubleshooting	7
CHAPTER 3	SET THE DEVICE	8
3-1	First Time Use or Reset the Device	8
3-2	Factory Default.....	9
CHAPTER 4	BASIC FUNCTIONS.....	10
4-1	Main Menu.....	10
4-2	Icon and the Corresponding Application	10
4-3	Icon Definition	11
4-4	Function Keys	11
CHAPTER 5	INPUT METHOD.....	12
5-1	Handwriting Recognition.....	12

MENU

5-2 Input with Keyboards	12
CHAPTER 6 DICTIONARY	18
6-1 Font Size	18
6-2 Repeat/ Guide Mode	18
6-3 Syllable Pronunciation	19
6-4 Spelling Alternative/ Nearest Words/ User's Dict	19
6-5 Ambiguous Words	20
6-6 Cross Search.....	20
6-7 Intellectual Search.....	21
6-8 Save to Wordbook.....	21
6-9 History [F1 REC.]	21
6-10 Translation.....	21
CHAPTER 7 LEARNING (E-BOOK)	23
7-1 Sign-up	23
7-2 Download Zone	24
CHAPTER 8 LEISURE	25
8-1 MP3 Player.....	25

MENU

8-2 Video Player.....	26
8-3 Flash Player.....	27
8-4 E-Album	27
8-5 Writer	27
8-6 Shorthand	28
8-7 Recording.....	28
CHAPTER 9 TOOLS.....	29
9-1 PC Sync.....	29
9-2 File Management.....	29
9-3 Setting	30
CHAPTER 10 PC SYNC APPLICATION.....	32
10-1 Installing PC Sync.....	32
10-2 Starting PC Sync	34
10-3 Using PC Sync	35
A. Download E-book.....	35
B. Data Management and Backup	39
EC510 LICENSE STATEMENT	44

Introduction

CHAPTER 1 INTRODUCTION

1-1 Accessories

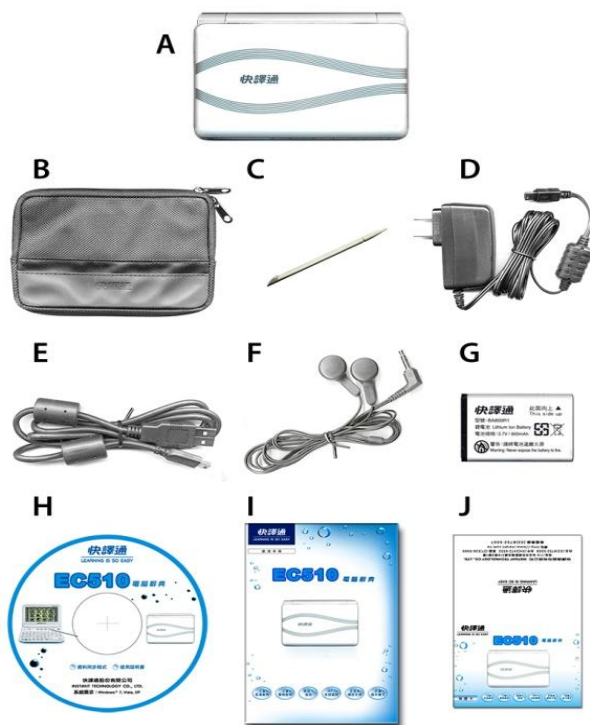


Fig. 1

- | | |
|----------------|------------------------------|
| A. the product | F. earphones |
| B. cover | G. lithium battery |
| C. stylus | H. PC Synchronization CD-ROM |
| D. adapter | I. User's Manual |
| E. USB cable | J. warranty card |
- ☆ Apart from the product, the attachment listed above are consumables and will not be covered by this warranty.

1-2 Product Overviews

Front:

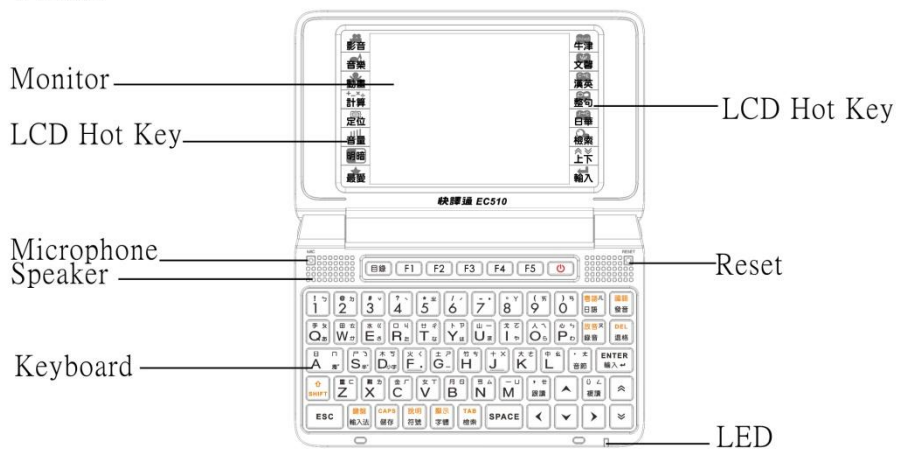


Fig.2

Back:

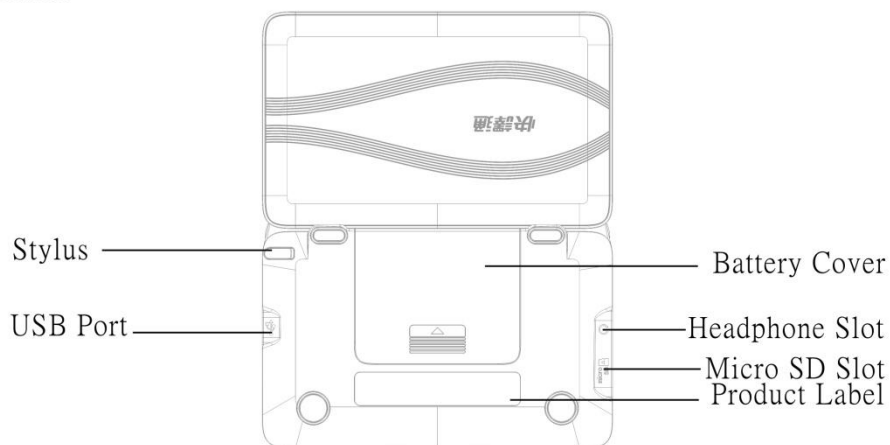


Fig.3

Introduction

1-3 General Specification

① Display Panel: Color LCD, 320 (W) * 240 (L) dots

② Lithium Ion Battery: Rechargeable, 3.7V/800mAh

③ Adapter:

Input: 100~240V 50/60Hz 0.2A

Output: +5V 1A

④ Manufacture R. and No.: Refer to the Product Label.

⑤ Manufacturer: Refer to the Product Label.

⑥ Property & Capability: Detail listed in User's Manual

⑦ Operation: Refer to each chapter in User's Manual

CHAPTER 2 SAFETY NOTICES

Please pay attention to the safety notices listed below. Instant Technology is not liable for any damage due to any of the following reasons.

- Please take the warranty card with you when asking for service.
- The product is not waterproof. Please keep it away from any liquid. The moisture could easily damage the electronic component, thereby leading to malfunction. The damage caused by the moisture is viewed as deliberate damage and not covered by the warranty.
- Should any liquid contact the inner part of the product, please remove the battery immediately, wipe the surface dry and send it back to authorized service centers.
- Please keep the product from directly exposing to sunlight, heat and extreme temperature.
- Do NOT bend, distort, or smash the product.
- To keep the screen from being scratched, please wipe the screen gently with dry, clean and soft cloth. Never clean the screen with chemicals or volatile solvent.
- The screen is delicate. Prevent the product from deliberate damage like falling or crashing. To protect the screen from being scratched, use only the stylus with this product. Never use pens, ballpoint pens, pencils or other objects with sharp tip, with which the touch panel could be damaged.
- Please backup all the data stored in the electronic dictionary in order to restore the data quickly in case the data in the electronic dictionary are lost. The loss of personal data caused by resetting the product, formatting the system or having the product under repair will not be covered by the warranty.
- Please be sure to make a copy of important data. Instant Technology is not liable for divulgence of personal information like credit card number or data changes arising from using the product. Such loss is not covered by warranty.
- The damage caused by irresistible reasons or personal factors, such as repairing by yourself, improper maintenance, infiltration of liquid, cracks in the screen, decay by bugs, misuse of SD card, battery leakage and so on are not covered by this warranty.

Safety Notices

2-1 Notes for Accessories

① Replacing the battery:

- Please turn off the product first. Gently remove the battery compartment cover.
- Insert the lithium battery into the compartment. Then, close the battery compartment cover tightly before you restart the product.
- Be sure to use exclusive rechargeable lithium batteries. If any issue, please reach Instant regional distribution agents. Never use this product with wrong batteries, or the product may be damaged or even explode. Instant Technology is not liable for the damage and loss caused by using wrong battery.

★**WARNING: In addition to be sure of using the exclusive lithium battery, keep the battery far away from the fire or dampness. Do NOT connect the battery's terminals together to avoid short circuit. Recycle the battery with complying related environmental laws and regulations.**

② Charging with the adaptor:

When the battery power is used up, the system will show “The battery is in a low level. Please recharge” message. Please turn off the product and charge the battery at once.

- For first use of the battery (or if it's been not in use for a long time), be sure to charge it for at least 4 hours.
 - The Definition of LED Indicator:
- ◎When the adapter is connected with PC and the product without a battery inside, LED appears green.

Safety Notices

When the product with a battery inside is connected to PC by the adapter,

◎ Red: Charging mode

◎ Green: Fully Charged mode

- If the product indicates that the power is very low right after the battery is fully charged, please check if the battery is properly installed. If yes, this means the battery is damaged or unable to be used anymore. Please replace a new one.

☆Note : Please only use the attached exclusive adapter for the product. If the product is damaged by using wrong adapters, the damage is not covered by this warranty.


③ Using SD card:

Do NOT take the battery out or insert and remove the card when saving data to SD card, which results in damages to the data or to the product.

Safety Notices

2-2 Simple Troubleshooting


Q : Why can't I turn on the product?

A : Maybe the battery power has been gone. Please use the exclusive adapter to charge the battery. If there is still no response, press  with stylus and the system would start again. If this still can't work, please contact our service center.

Q : Why is the speed of reading too slow or too fast? Why is the volume too loud or too low?

A : Please tap the LCD Hot Key  to adjust the speed and volume.

Q : Why does the monitor look so dim?

A : Please tap the LCD Hot Key  to adjust the brightness.

Q : Why does the power shut down so frequently?

A : The length of time between the power on and off is set too short. Please enter [F5 Tools]/ [B Setting]/ [A Power] to adjust the time setting in Auto power off. This function, Auto power off, helps you save energy. The shorter the length of time you set into Auto power off, the more energy you will save.

Q : What if I forget the password?

A : Please contact Instant Service Center. We will help you unlock the password. However, all of the files which to be protected by password will be deleted at the same time in order to protect your confidential information from being revealed.

☆Please note:

The important information should be saved and maintained appropriately somewhere besides the instrument. Any loss of information caused by resetting the product is not covered by this warranty.


CHAPTER 3 SET THE DEVICE

3-1 First Time Use or Reset the Device

When you use the product for the first time, the system will directly show F1 Main Menu. You can go to [F5 Tools]/ [B Setting] to set up the product based on your preference, including Entry Screen, Time Setting, Sound and so on. (ref. 9-3 Setting)

⊙ Resetting

The product has to be reset under the following two situations:

- ① When the product has not been in use for a long time, connect the adapter to the product and turn it on. The system will lead you for time setting. Then, the system will show the main menu a few seconds later when “Please wait...” message box shows up.
- ② Press **RESET**  with stylus when the product has stopped responding and cannot be shutdown. After that, a “The system is reintegrating, please wait...” message box will appear for a few seconds and then the system will return to main menu.

☆Note:

When you start the product for the first time or reset the system, the first execution of the application will be delayed 1 to 2 seconds. This is normal and doesn't represent any bug.

Set the Device








3-2 Factory Default

Language	Traditional Chinese
Time Setting	12-hours
Date Setting	YYYY-MM-DD
Local City	Taipei
Local Date	2012-01-01
Local Time	12:00 AM
Alarm Setting	Off
Summer Time	Off
Key Tone	On
Touch Panel (sound setting)	On
Auto Power Off	Disable
Power-saving Mode	Disable
Entry Screen	Closing Screen
Free Space	100%
Password Setting	Off

CHAPTER 4 BASIC FUNCTIONS

4-1 Main Menu

This product is divided into 5 sections: Dictionary 1, Dictionary 2, Learning, Leisure and Tools.







- ① Tap screen with stylus to enter each application.
- ② Press  or  to select the category, then press     to move the pointer. Finally, press  to activate items.

4-2 Icon and the Corresponding Application


①		Video_Player
②		MP3_Player
③		Flash_Player
④		Calculator
⑤		Calibration
⑥		Sound Setting
⑦		Brightness
⑧		Favorite
⑨		The New Oxford English-Chinese Dict.
⑩		Wen Shin's Advanced English Dict.
⑪		Chinese-English Dict.
⑫		Sentence Translation
⑬		Japanese-Chinese Dict.
⑭		Intellectual Search
⑮		Last/ Next Page (Piece)
⑯		Enter



















Basic Functions

4-3 Icon Definition

- ①  Data in the device
- ②  Data in the SD card.
- ③  Data that cannot be deleted
- ④  Hit to select. Selected:  Non-selected: 


4-4 Function Keys

To activate the following functions, press  first, and then press corresponding function keys.

Item	Component	Function
①	 + 	Activate/Deactivate onscreen keyboard
②	 + 	Caps lock on/off
③	 + 	Show Help for each application
④	 + 	Change the language of main menu
⑤	 + 	Functions like “Tab” on the PC
⑥	 + 	Activate Cantonese pronunciation
⑦	 + 	Activate Chinese pronunciation
⑧	 + 	Play recorded audio files (for “Recording” in F4)
⑨	 + 	Delete characters

CHAPTER 5 INPUT METHOD



5-1 Handwriting Recognition

Handwriting Recognition is available for entering English, Chinese and Japanese. Whenever the icon  appears on the bottom right of the screen, tap this icon with stylus to activate handwriting recognition system.

5-2 Input with Keyboards

You may use onscreen keyboard and hardware keyboard to input information.

A. Input Symbols

Both  on the keyboard and  of onscreen keyboard are available for symbols.

B. Chinese Input Method

Under the Chinese input mode, tap  or press  to switch from different Chinese input methods.

① Phonetic Input Method:

Press Bopomofo (ㄅ, ㄆ, ㄇ, ㄉ, etc., Taiwan's phonetic symbols) first, and then press the key for the tonal mark either at onscreen keyboard or keyboard.

② Pinyin Input Method:

(Hanyu Pinyin, Tongyong Pinyin and Guandong Pinyin Input Method)

Pinyin is a Romanization System for Standard Mandarin, based on IPA phonetics. Both Hanyu and Tongyong allow users to input Chinese characters by entering English letters in accordance with the pronunciation of a Chinese character, accompanied with tonal marks. There are a number of slightly differences between Hanyu and Tongyong. Please refer to Table 1 for more information.

Input Method

For Guandong pinyin (Fig. 4), users enter Cantonese Romanization of Mandarin characters without tonal marks.



Fig. 4

☆Conversion Table among Phonetic (Bopomofo), Hanyu Pinyin and Tongyong Pinyin (Table 1)

注音	漢語	通用	注音	漢語	通用	注音	漢語	通用
ㄅ	b	b	ㄚ	a	a	ㄚ	ya / -ia	ya / -ia
ㄆ	p	p	ㄛ	o	o	ㄛ	yo	yo
ㄇ	m	m	ㄝ	e	e	ㄝ	ye / -ie	ye / -ie
ㄈ	f	f	ㄜ	ê	ê	ㄜ	yai / -iai	yai / -iai
ㄉ	d	d	ㄞ	ai	ai	ㄞ	yao / -iao	yao / -iao
ㄊ	t	t	ㄟ	ei	ei	ㄟ	you / -iou	you / -iou
ㄋ	n	n	ㄠ	ao	ao	ㄠ	yan / -ian	yan / -ian
ㄌ	l	l	ㄡ	ou	ou	ㄡ	yin / -in	yin / -in
ㄍ	g	g	ㄢ	an	an	ㄢ	yang / -iang	yang / -iang
ㄎ	k	k	ㄣ	en	en	ㄣ	ying / -ing	ying / -ing
ㄏ	h	h	ㄤ	ang	ang	ㄤ	wa / -ua	wa / -ua
ㄐ	j	ji	ㄥ	eng	eng	ㄥ	wo / -uo	wo / -uo
ㄑ	q	ci	ㄨ	er	er	ㄨ	wai / -uai	wai / -uai
ㄒ	x	si	ㄩ	yi / -i	yi / -i	ㄩ	wei / -ui	wei / -uei
ㄗ	zh / zhi	jh / jhih	ㄩ	wu / -u	wu / -u	ㄩ	wan / -uan	wan / -uan
ㄘ	ch / chi	ch / chih	ㄩ	yu / -ü / -u	yu	ㄩ	wen / -un	wun / -un
ㄙ	sh / shi	sh / shih				ㄩ	wang / -uang	wang / -uang
ㄖ	r / ri	r / rih				ㄩ	weng / -ong	wong / -ong
ㄗ	z / zi	z / zih				ㄩ	yue / -üe / -ue	yue
ㄘ	c / ci	c / cih				ㄩ	yuan / -üan / -uan	yuan
ㄌ	s / si	s / sih				ㄩ	yun / -ün / -un	yun
空韻	-i	-ih				ㄩ	yong / -iong	yong

Input Method

③ Chang Jie Input Method:

Refer to Table 2 and input corresponding codes for the Chinese prefix and suffix to input Chinese characters.

④ Simp. CJ Input Method:


This method is similar to Chang Jie. The difference is that users enter only the first and last keystrokes in Chang Jie system.

⑤ Stroke Input Method:

This method is based on total number of strokes for handwritten a Chinese character.

⑥ Radical Input Method:

Based on the number of radical strokes and the rest strokes to input a Chinese character.

- First, input the number of radical strokes with numeric keys and press  .
- Enter the rest strokes and press the corresponding number key.

☆Chang Jie code Form (Table 2)


哲理類	筆劃類	人體類	字形類
日 	竹 	人 	尸 
A	斜 H	O	側 S
月 	戈 	心 	廿 
B	點 I	P	並 T
金 	十 	手 	山 
C	交 J	Q	仰 U
木 	大 	口 	女 
D	叉 K	R	紐 V
水 	中 	難字 重字	田 
彳 	縱 L	X	方 W
火 	一 	造字 片語	卜 
F	橫 M	Z	卜 Y
土 	弓 		
扌 	鉤 N		

☆ List of rare Chinese Radicals (Table 3)

亻 同 人	女 同 支	囧 同 目
刂 同 刀	灬 同 火	冫 同 水
乚 同 乚	爪 同 爪	門 同 网
兀 同 尤	允 同 尤	夕 同 夕
互 同 厶	玉 同 玉	疋 同 疋
丩 同 心	而 同 网	疋 同 疋
扌 同 手	冂 同 网	母 同 母
氵 同 水	冂 同 网	𦍋 同 羊
犭 同 犬	月 同 肉	𦍋 同 𦍋
阝 同 邑	艹 同 艹	
阝 同 左	艹 同 艹	

Input Method

C. Japanese Input Method

In the Japanese input mode, tap  or press  to switch from different Japanese input method.

① Katakana & Hiragana Input Method:

Both of keyboard and onscreen keyboard are ready for Japanese input.

◎The symbols in the soft keyboard:

“—”: Macron

“あ→ぁ”: Uppercase into Lowercase

“あ→ア”: Regular into Roma form

“濁””: Dakuon

“半°””: Handakuon

② Roma Katakana & Roma Hiragana Input Method:

This method allows a user to input Japanese by spelling the code in accordance with the pronunciation of Japanese.

☆ Refer to Table 4 for information about input code.

③ Phonetic/ Pinyin/ Chang Jie/ Simp. CJ/ Stroke/ Radical in CH-JP:

The input way is the same as Chinese Input Method.

D. Input Other Foreign Languages

There are 9 more foreign languages provided in this product: French, German, Spanish, Korean, Russian, Dutch, Indonesian, Italian and Portuguese.

- Within certain applications, select the language you need and onscreen keyboard will pop up. Tap with stylus to enter words in certain language.
- To enter special words in European languages, enter a letter and then press numeric key related to symbols. Take the French Ç for example. (Fig. 5~6)



Fig. 5



Fig. 6

Press C first (Fig. 5), then press numeric key 5 for the symbol “ç” (Fig. 6).

Input Method

☆ Seion (Table 4)

平假名	片假名	羅馬輸入	平假名	片假名	羅馬輸入	平假名	片假名	羅馬輸入
あ	ア	a	わ	ワ	wa	にゅ	ニユ	nyu
い	イ	i	わ	ワ	xwa	によ	ニヨ	nyo
う	ウ	u / wu	を	ヲ	wo	ひゃ	ヒヤ	hya
え	エ	e	ん	ン	nn	ひゅ	ヒュ	hyu
お	オ	o	あ	ア	xa	ひょ	ヒョ	hyo
か	カ	ka	い	イ	xi	みゃ	ミヤ	mya
き	キ	ki	う	ウ	xu	みゅ	ミユ	myu
く	ク	ku	え	エ	xe	みよ	ミヨ	myo
け	ケ	ke	お	オ	xo	りゃ	リヤ	rya
こ	コ	ko	が	ガ	ga	りゅ	リュ	ryu
さ	サ	sa	ぎ	ギ	gi	りょ	リョ	ryo
し	シ	shi / si	ぐ	グ	gu	ぎゃ	ギヤ	gya
す	ス	su	げ	ゲ	ge	ぎゅ	ギユ	gyu
せ	セ	se	ご	ゴ	go	ぎょ	ギョ	gyo
そ	ソ	so	ざ	ザ	za	じゃ	ジャ	jya / zya / ja
た	タ	ta	じ	ジ	zi / ji	じゅ	ジュ	jyu / zyu / ju
ち	チ	chi / ti	ず	ズ	zu	じょ	ジョ	jyo / zyo / jo
つ	ツ	tsu / tu	ぜ	ゼ	ze	ぢゃ	ヂヤ	dya
っ	ッ	xtsu / xtu	ぞ	ゾ	zo	ぢゅ	ヂュ	dyu
て	テ	te	だ	ダ	da	ぢょ	ヂョ	dyo
と	ト	to	ぢ	ヂ	di	びゃ	ビヤ	bya
な	ナ	na	づ	ヅ	du	びゅ	ビュ	byu
に	ニ	ni	で	デ	de	びょ	ビョ	byo
ぬ	ヌ	nu	ど	ド	do	びゃ	ビヤ	pya
ね	ネ	ne	ば	バ	ba	びゅ	ビュ	pyu
の	ノ	no	び	ビ	bi	びょ	ビョ	pyo
は	ハ	ha	ぶ	ブ	bu	ゃ	ヤ	xya
ひ	ヒ	hi	べ	ベ	be	ゅ	ユ	xyu
ふ	フ	hu / fu	ぼ	ボ	bo	ょ	ヨ	xyo
へ	ヘ	he	ば	バ	pa	ー	ー	—(hyphen key)
ほ	ホ	ho	び	ピ	pi	・	・	・ (full stop key)
ま	マ	ma	ぷ	プ	pu	ヴぁ	ヴァ	va
み	ミ	mi	ぺ	ペ	pe	ヴぁい	ヴァイ	vi
む	ム	mu	ぼ	ボ	po	ヴ	ヴ	vu
め	メ	me	きゃ	キャ	kya	ヴえ	ヴェ	ve
も	モ	mo	きゅ	キュ	kyu	ヴお	ヴォ	vo
や	ヤ	ya	きょ	キョ	kyo	ヴゃ	ヴァ	vya
ゆ	ユ	yu	しゃ	シヤ	sya / sha / shya	ヴゅ	ヴュ	vyu
よ	ヨ	yo	しゅ	シュ	syu / shu / shyu	ヴょ	ヴョ	vyo
ら	ラ	ra	しよ	シヨ	syo / sho / shyo	ふゃ	フヤ	fya
り	リ	ri	ちゃ	チャ	cya / chya / cha	ふゅ	フュ	fyu
る	ル	ru	ちゅ	チュ	cyu / chy / chu	ふょ	フョ	fyo
れ	レ	re	ちょ	チョ	cyo / chy / cho			
ろ	ロ	ro	にゃ	ニヤ	nya			

CHAPTER 6 DICTIONARY



Dictionary Menu is divided into two sections: Dictionary 1 and Dictionary 2.

Dictionary 1: NOECD, EC_Dict, EEC_Dict, CE_Dict, Jap_Dict, 12_Dict, 12_Conver, Spa_Dict, Fre_Dict, Ger_Dict, WW_Med and RY_Med

Dictionary 2: Pro_Dict, Ill_Dict, Enc_Dict, Phrase, Syn. Dict, Ant. Dict, Translator, CC_Dict, Trad. & Sim., Grammar, My_Dict

6-1 Font Size

In the explanation page of each

dictionary, press  or tap the icon  in the lower-right corner of the screen to switch font size (Fig. 7).

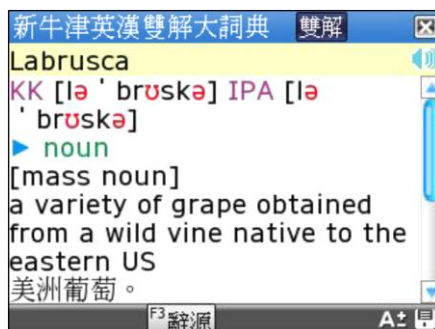



Fig. 7


6-2 Repeat/ Guide Mode

① Repeat Mode


In the explanation page, press  to repeat the pronunciation of vocabulary. The system will be able to repeat for once to 10 times, which is set in Sound Setting. (Take ③ for reference.)

② Guide Mode

In the explanation page:

- Press , and the system will play the pronunciation once. Then a message “Start to record after a beep...” will be displayed and the device will start recording your reading.
- Press any key to stop recording.


Dictionary

- As the recording ends, the standard pronunciation and your pronunciation will be played separately.
- ③ Repeat/Guide Mode Setting:
Enter Sound Setting from [F5 Tools]/ [B Setting]/ [Sound] or from LCD Hot key  on the left.

Tap the third item [Repeat/Guide], where you can adjust the repeat times and guide mode to meet your need.

6-3 Syllable Pronunciation

Syllable Pronunciation is available in NOECD, EC_Dict, and EEC_Dict.

When looking up an English word on the explanation page, press  to listen to the pronunciation syllable by syllable.

6-4 Spelling Alternative/ Nearest Words/ User's Dict

There are three options (Fig. 8) provided when a “Not found!” message is displayed.

- ① Spelling Alternative:
List words with the correct or the nearest spelling based on what you just enter. This is available in NOECD, EC_Dict, and EEC_Dict.

- ② Nearest Words:
Display a list of words corrected by the spelling checking program.

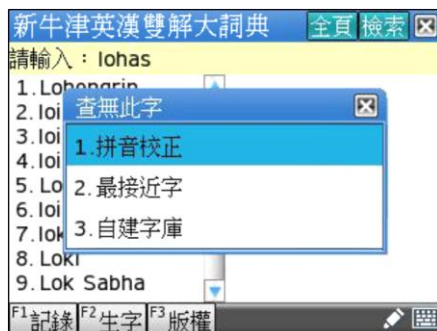


Fig. 8

③ User's Dict:

- If "User's Dict" is selected, you can add the word into DIY Dictionary. (Fig. 9)
- You may also add new words directly in [User's Dic] under [F2 Dictionary]

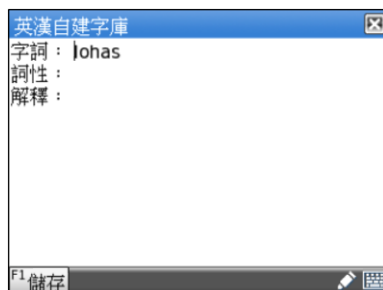


Fig. 9

6-5 Ambiguous Words

Replace the unknown letters with "?" or "*" if not sure of the spelling of a word. "?" stands for an unknown letter; "*" represents one or a string of unknown letters. (Fig. 10~11)

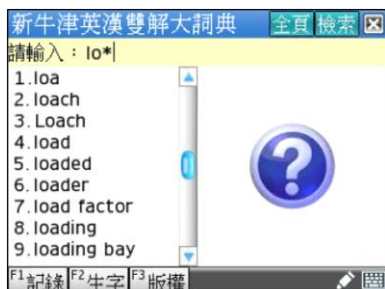




Fig. 10



Fig. 11

6-6 Cross Search

Highlight the word for search with stylus and press , or select the dictionary to look up. (Fig. 12)

Multi-layered Search function is available. After multi-layered searching, press  and the system will return to the first explanation page.

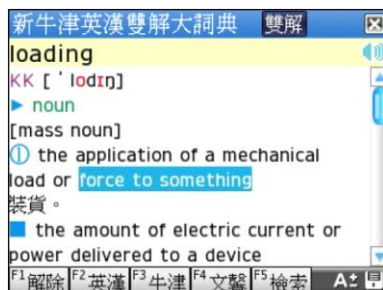





Fig. 12

Dictionary

6-7 Intellectual Search

You can search words, sentences and articles in English, Chinese and Japanese with this function.

Press  or tap  on the right with stylus to enter Smart Search. Enter the word or phrase you want to check, select the searching mode and check the dictionaries you want to check. Then press . (Fig. 13)

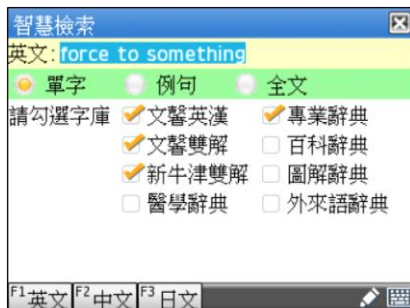





Fig. 13

Highlight some words in the explanation page and tap [Srch] at the lower-middle of the explanation page is another way to use this function.


6-8 Save to Wordbook

In the explanation page, press  or tap the icon  in the lower-right corner of the screen, and the word will be saved to the wordbook.

6-9 History [F1 REC.]

In the browsing page, press  to enter the list of latest 20 words the user has looked for.

6-10 Translation

Tap the icon  on the right side of screen with stylus or active this function via [F2 Dictionary2]/[Translator].

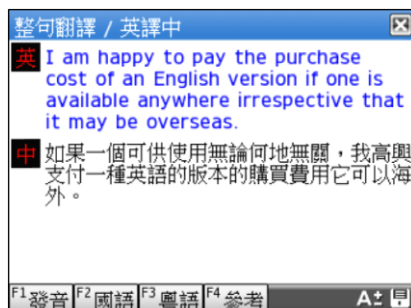


Fig. 14

① Entering sentences to be translated.

- Press **F2** to select translating modes (EC or CE). The original default is translating English into Chinese.
- Press **F3** to remove the sentence to be translated.
- Press **F4** or **ENTER** 輸入 to run the translation.

② On the translation page (Fig.14),


- you can save the result as references by tapping the icon  in the lower-right corner of the screen. In the future, you may tap [F1 Note] in the input page to read it again (Fig. 15).
- The system provides English, Chinese and Cantonese pronunciations.



Fig. 15

- press **F4** to list relative references of the sentences.

On the Reference page, choose any sentence you want to check and press [F1 Cmp.] or **ENTER** 輸入.

③ This function is to have users understand the basic meaning of sentences.

Owing to complication in grammar and use of vocabulary, it would be unable to translate certain sentences, such as:

1. Proper Nouns (name of a person or of a place)
2. Jargons
3. Colloquial, slang and metaphorical sentences

The amounts of English and Chinese input words (including punctuation) are respectively limited to 300 and 100 words.

☆Note: The Translation provided via this function is for reference only. Instant Technology does not guarantee the completeness, accuracy and applicability of the translation and thus is not liable for any disputes or legal liability in business or in other activities resulted from your use of the translation.

CHAPTER 7 LEARNING (E-BOOK)

Please download and update E-books (Video_Lrn, Magazine, 900_Sent, Exam, etc) from Instant's official website: <http://www.instant.com.tw>.

7-1 Sign-up

When entering the website for the first time, users are suggested to sign up in member zone to download.

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Learning (E-Book)

Click [I Agree], and then fill in the profile and the model of the product you purchased. After that, sign in again to start your downloading.

7-2 Download Zone

In Download Zone, first choose the model of your own instrument. (EC510)



Then, start to select and download what you want.


CHAPTER 8 LEISURE


In this section, there are nine items in Recreation Application, including MP3_PL, Video_PL, Flash_PL, Games, E-Album, Zodiac, Lti. Works, Comic and Travelling. In addition to those, there are Writer, Shorthand and Recoding in Secretary Application.


8-1 MP3 Player


Apart from songs in .mp3(MPEG1 Layer3) format, this player can show lyrics in .lrc format. Lyrics and songs will be played simultaneously.


Tap the icons to play, pause, stop, and select previous/next song.


: Set the starting point of the loop (A) when activating loop playing function.

: Set the end point (B) of the Loop Playing.

: Cancel this setting.


: Switch the playing modes of playing 1/All audio files, playing all audio files randomly, repeating 1/All audio files and non-repeat by tapping the icon in order.

: Tap this icon to edit the file list, where you can manage audio files either in local machine or in SD card.

: Activate power saving mode. Press any key (except for the power button) or slightly tap the panel to end power saving mode.

: Edit [My Favorite] list.

Lyrics should be in UTF-8 text format. The filename of the lyric (.lrc format) also has to be the same with that of the corresponding song (.mp3 format) and should be placed in the same folder.

When you tap , a “Background play?” message box will pop up. “Yes” represents the audio file keeping playing out of this application screen while “No” is to stop playing immediately.

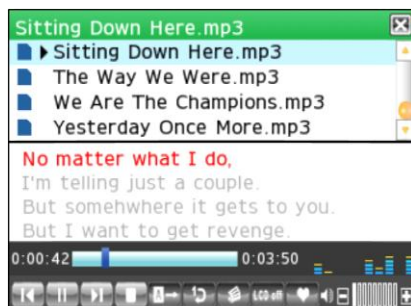





Fig. 16


8-2 Video Player

The player can play video files in .wmv or in .avi format, while the format of subtitles should be .srt.

: Tap to read the list either in SD card or in Local.

Press  /  to select the video files. Then tap the file or press  to play the video.

: Tap to play in full screen. Press  to end this mode.

: Tap to display subtitles if needed. Tap it again to cancel this setting.

When the function of subtitles is activated, users can choose certain word or phrase to cross search. (Fig.17)

☆Note:

For the video file to be played:

- Frame Rate: under 12FPS
- File resolution: 320*240
- Bit Rate: 512 kbps

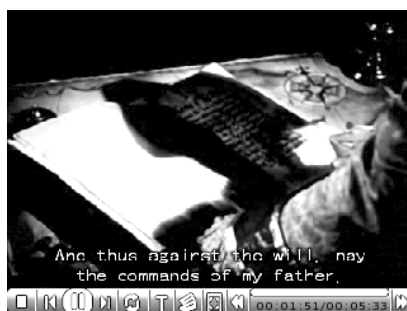






Fig. 17






Leisure

8-3 Flash Player

This player is for video files in .swf format.

: Tap to show the .swf files in SD card or in local machine. Press  /

 to select the files, then tap the file or press  to play.

: Tap to switch the four playing modes. ( Repeat all files,  Repeat one file,  Play all files orderly,  Play one file only)


Press  to show or hide the function bar on the bottom of the screen. (Fig.18)



Fig. 18

8-4 E-Album

This album is for images in .bmp, .png, .jpg format.





Press , ,  or  to browse through the pictures, or set up the browsing modes by tapping [F1 Set]. (Fig.19)



Fig. 19

8-5 Writer

Use this function to write .txt files.

- Choose to save the new files in the Local machine or SD card first and then tap [F1 New] to create a new file.
- In the list, you can check certain file to edit, copy or delete.

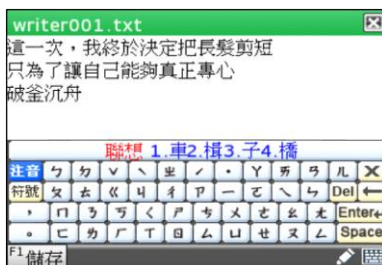


Fig. 20

8-6 Shorthand

Write down everything with stylus on the screen as references in the future. (Fig. 21)

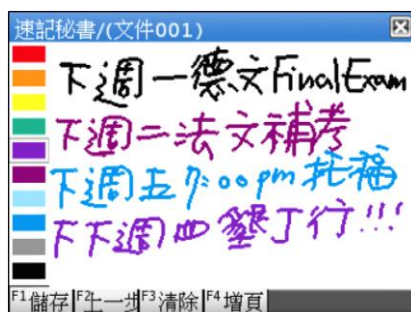


Fig. 21

8-7 Recording

Use this function to record .wmv file.

- [F1 Rec.] to create a new file. (Fig. 22)
- After recording, name the file and tap [F1 Save] to save.
- In the list, you can check certain file to rename, copy or delete. (Fig. 23)



Fig. 22



CHAPTER 9 TOOLS

This section is designed to be like a personal secretary to help you note private information, including Directory, Schedule, Plan, Date, Financial Management, etc. What's more, helpful tools like Calculator and Conversion are also provided here. The security of the data would be improved much more by setting along with the encryption function.

9-1 PC Sync

This application is to connect the machine to PC to synchronize the data. Please refer to Chapter 10 for more information.

9-2 File Management

① Disk Space:

Tap [F1 Disk] to view the used and the free space in local machine or in SD card. (Fig. 24)

② Formatting:

When tapping [F1 FMT] to format the local machine or the SD card, a message box will display “Attention: It will delete all PIM & downloaded files and can't be ceased. Execute?” (Fig. 25)

☆ **Note:** Please be sure to make a backup of important data before formatting. The loss caused by formatting is not covered by this warranty.

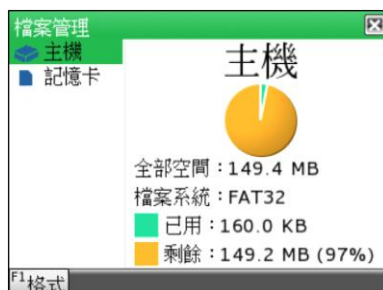


Fig. 24

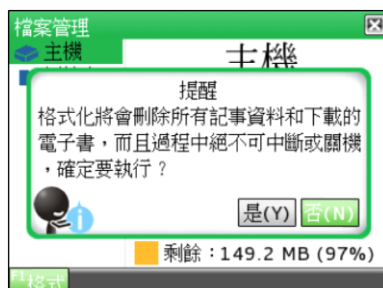


Fig. 25

9-3 Setting

You can set up your prefer style of the system, including [Favorite], [Time_Set], [Language], [Sound], [Personal], [Password], [Power] and so on.

① My Favorite:

Tap [F1 Set] to check which you use more often for you to connect these items directly here in the future. (Fig. 26)

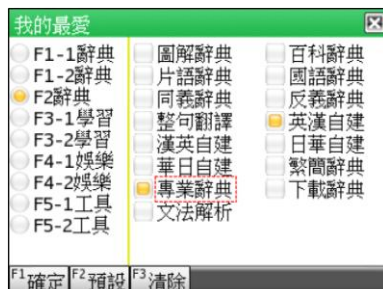


Fig. 26

② Time Setting:

There are three items [Date], [Clock] and [Alarm] in this setting. You can also directly set [Date] and [Clock] by tapping the date and time on the upper left of the screen.

③ Language Setting:

- [Languages]: You can choose Traditional Chinese, Simplified Chinese, English and Japanese Main Menu.
- [Chinese]: You can choose Traditional or Simplified Chinese for the explanation page in all dictionaries.

④ Sound:

- [Sound] is to set the volume and the speed for pronounce system. (Fig. 27)
- [Sys. Sound] is to set the sound effects of the whole system.
- [Repeat/Guide] (Refer to ③ of 6-2)

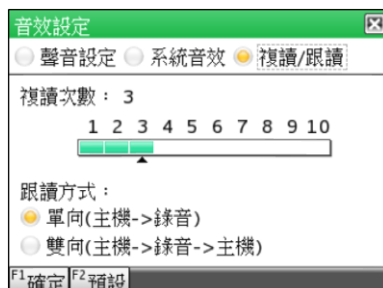


Fig. 27

⑤ Input Setting:

There are four options, [Hand Writing], [Traditional Chinese], [Simplified Chinese] and [Japanese].

Tools

⑥ Opening Setting:

Set the items for the [Entry Screen] and [Entry Screen & Music].

⑦ Personal Setting:

Set the color you want for Title Bar, Pop-up Title, Scroll Bar, Button, Headword and so on.
(Fig. 28)

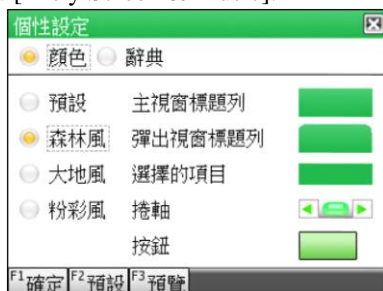


Fig. 28

⑧ Password Setting:

A. [PIM Password] and [Game Password]:

Enter numbers or letters as password. The amount of the password could be up to eight characters. Once finishing setting, you can use [Shorthand] or [Games] only with the password.

B. Removing or Resetting:

To remove the setting, go to [PIM Password] or [Game Password], tap **F3 重設**, enter the original password into the first blank and tap **F1 確定**. Or instead of tapping **F1 確定**, enter a new password into the second and third blanks and press F1; then resetting will be done.

⑨ Brightness:

Adjust the brightness of the screen.

⑩ Calibration:

Calibrate the touch panel and the stylus.

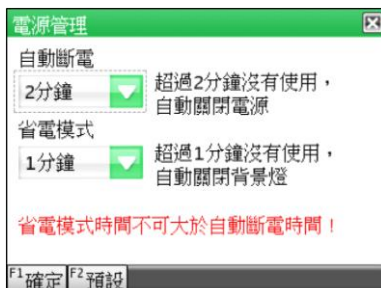


Fig. 29

⑪ Power Management:

Manage the power while using the product by setting [Auto power off] and [Power-saving]. (Fig. 29)

CHAPTER 10 PC SYNC APPLICATION

10-1 Installing PC Sync

The following operating systems support PC Sync (PC Synchronization): 486 up or 100% IBM PC; CPU in Pentium® III 450 MHz up; Windows® 7/Windows® XP/Windows® Vista.

In Windows system, put PC Sync CD into the CD-ROM drive and find the "Setup.exe" file. Double click it, and began to run the installer. Choose language first.



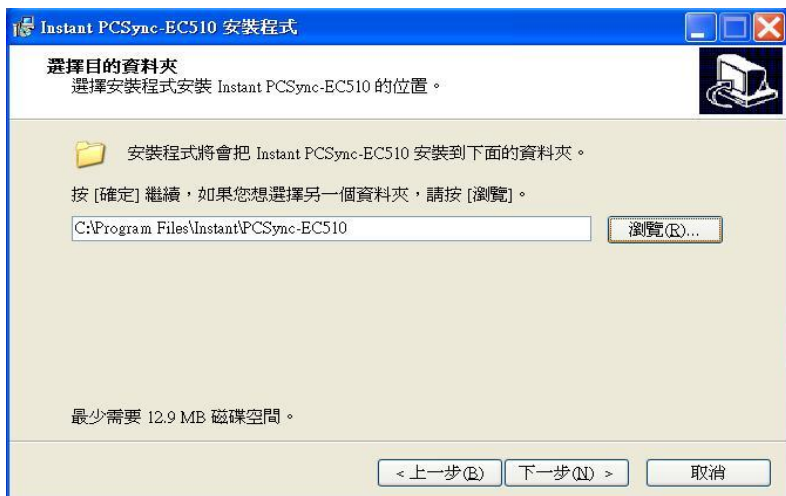
In the "Welcome" screen, click [Next].



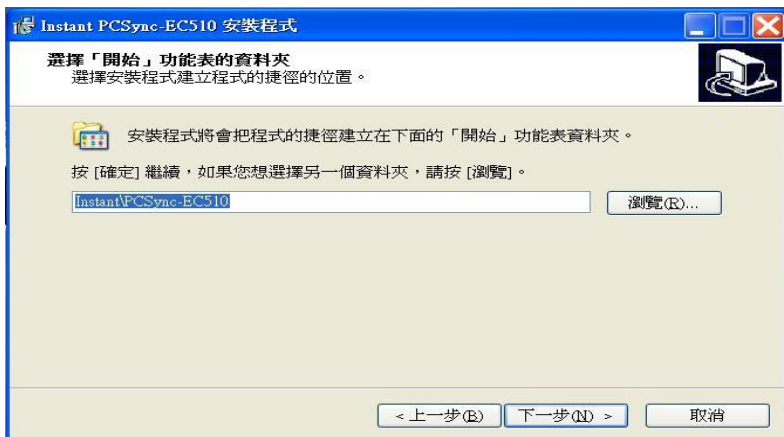
PC Sync Application

In the “License Agreement” screen, click [I Agree] and press [Next] to install the application.

Select the location for installing PC Synch application, or directly accept the default path. When finishing, press [OK] and [Next].

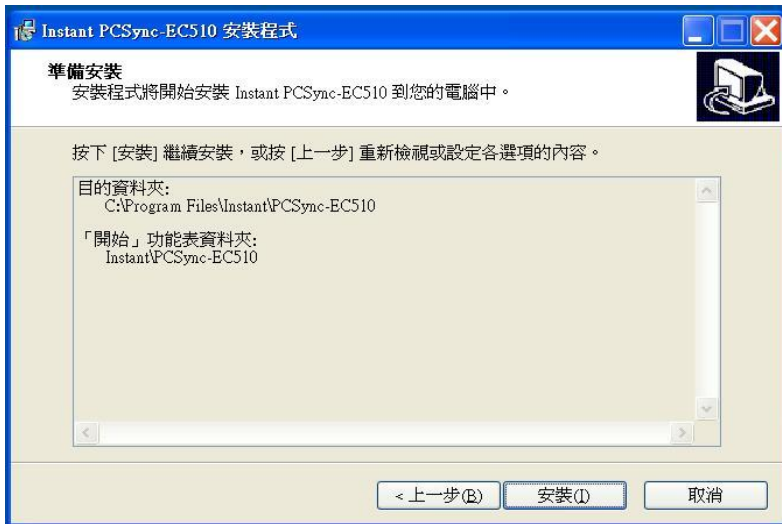


Select the location for the shortcut of this installation or as default. Then, click [OK] and [Next].



PC Sync Application

In the “Ready to Install” screen, press [Install] to start install.



Press [Quit] to exit if you want to cancel the installation during the process,

10-2 Starting PC Sync

Turn on the product. Connect the machine to the computer with USB cable and tap [F5 Tools]/ [PC_Sync] to activate this program. This way, a message box will show up, “Connected with PC; Info. is being transferred. Don’t disconnect the USB.” (Fig. 30)



Fig. 30

☆**Note: Do NOT get out of this screen when connecting to PC, or the connection would be failed.**

PC Sync Application

10-3 Using PC Sync

Double click the shortcut of PC Sync. on the desktop to activate it.

A. Download E-book


This program is divided into 7 download zones, including E-book, MP3 Player, E-Album, Video Player, Flash Player, Writer, and Recording. Select the files to download into machine or SD card, or upload into PC.


A-1. Two ways to transmit E-book from PC into the instrument:

① Via PC Sync:

Download the E-book to PC first. Activate PC Sync and tap the E-book from the list, like the figure below.



You can switch the data display mode by clicking the icon . Click the name of E-books.

Then, press  and the file will be saved into machine.

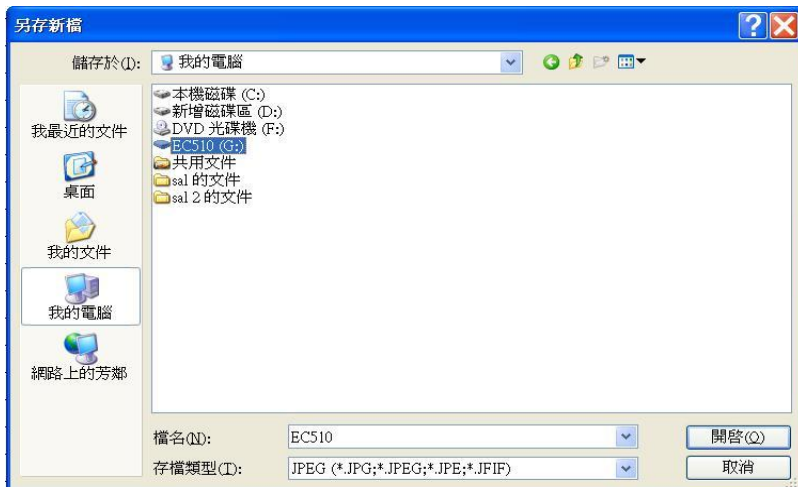
PC Sync Application

② Saving the E-book into the instrument directly:

Connect PC with the product by the cable first and tap [F5 PC Sync].
Select the E-books on the website to save into the machine.



Click [EC510].



Save the E-book into the corresponding folder.

☆ **Note:** Before starting the application, please check if the E-book has been placed in the right folder according to the table below.

PC Sync Application

EC510 Ebook Download Schematic Table

同步程式 專區	EC510 主機分類	網站下載區 電子書分類	SD 卡對應資料夾	主機對應 資料夾
Ebook	F2 辭典\專業辭典	專業辭典	EC510\E-Book\Prof_Dict	Prof_Dict
Ebook	F2 辭典\下載辭典	下載辭典	EC510\E-Book\Dwnl_Dict	Dwnl_Dict
Ebook	F3 學習\影音學習\卡通	影音學習	EC510\E-Book\Cartoon_Learn	Cartoon_Learn
Ebook	F3 學習\影音學習\Video	影音學習	EC510\E-Book\Video_Learn	Video_Learn
Ebook	F3 學習\動畫學習\嘻哈動畫	嘻哈動畫	EC510\E-Book\Hip-hop	Hip-hop
Ebook	F3 學習\動畫學習\動畫文法	動畫文法	EC510\E-Book\GrammarA	GrammarA
Ebook	F3 學習\動畫學習\動畫句型	動畫句型	EC510\E-Book\SentenceA	SentenceA
Ebook	F3 學習\動畫學習\動畫片語	動畫片語	EC510\E-Book\PhraseA	PhraseA
Ebook	F3 學習\雜誌學習	雜誌學習	EC510\E-Book\Magazine	Magazine
Ebook	F3 學習\漫畫英語	漫畫英文	EC510\E-Book\Eng_Comic	Eng_Comic
Ebook	F3 學習\歌唱學習	歌唱學習	EC510\E-Book\Song_Learn	Song_Learn
Ebook	F3 學習\課輔教材\國中	課輔教材	EC510\E-Book\Junior_HS	Junior_HS
Ebook	F3 學習\課輔教材\高中	課輔教材	EC510\E-Book\Senior_HS	Senior_HS
Ebook	F3 學習\900 句型	900 句型	EC510\E-Book\English900	English900
Ebook	F3 學習\檢定考試	檢定考試	EC510\E-Book\Examination	Examination
Ebook	F3 學習\外語學習\英語學習	英語學習	EC510\E-Book\Eng_Learn	Eng_Learn
Ebook	F3 學習\外語學習\多語學習	多語學習	EC510\E-Book\Multi-lingual	Multi-lingual
Ebook	F3 學習\互動學習\互動英語	互動英語	EC510\E-Book\Inter_Eng	Inter_Eng
Ebook	F3 學習\互動學習\互動日語	互動日語	EC510\E-Book\Inter_Jap	Inter_Jap
Ebook	F3 學習\其他學習	其他學習	EC510\E-Book\Others	Others
MP3 音樂	F4 娛樂\MP3 音樂		EC510\Music	Music
影音播放	F4 娛樂\影音播放專區		EC510\Multi-media	Multi-media
Flash 播放	F4 娛樂\Flash 專區	Flash 專區	EC510\Flash	Flash
Ebook	F4 娛樂\遊戲專區	遊戲專區	EC510\E-Book\Games	Games
電子相冊	F4 娛樂\電子相冊		EC510\Album	Album
Ebook	F4 娛樂\星座算命	星座算命	EC510\E-Book\Astrology	Astrology
Ebook	F4 娛樂\藝文天地\精選笑話	精選笑話	EC510\E-Book\Jokes	Jokes
Ebook	F4 娛樂\藝文天地\中國名著	中國名著	EC510\E-Book\Chi_Classic	Chi_Classic
Ebook	F4 娛樂\藝文天地\長篇小說	長篇小說	EC510\E-Book\Lnovels	LNovels
Ebook	F4 娛樂\藝文天地\短篇小說	短篇小說	EC510\E-Book\Mnovels	MNovels
Ebook	F4 娛樂\藝文天地\散文	散文	EC510\E-Book\Proses	Proses
Ebook	F4 娛樂\藝文天地\詩集	詩集	EC510\E-Book\Poems	Poems
Ebook	F4 娛樂\漫畫天地	漫畫天地	EC510\E-Book\Comics	Comics
Ebook	F4 娛樂\旅遊指南\旅遊資訊	旅遊資訊	EC510\E-Book\Travel_Info	Travel_Info
小作家	F4 娛樂\小作家		EC510\Writer	Writer
數位錄音	F4 娛樂\數位錄音		EC510\Recorder	Recorder

PC Sync Application

A-2. Uploading E-books into PC:

Select the E-book from the file list on the lower section, like the figure.


In the upper list, choose the target folder and then press .



☆Note:

- The formats of uploaded or downloaded files are subject to those supported in EC510 lest EC510 shouldn't display those files.
- Please pay attention to the copyright issues when downloading audio or video files on the Internet. Instant Technology is not liable for the dispute over copyright infringement.

PC Sync Application

Press  to activate synchronization between the instrument and PC or enter [Sync] above instead. After pressing [Sync], press [Backup] and wait until the message box [Backup Completed] pops up, then press [OK].

You can use [Backup] to copy any information in [Self-built Database] into PC, even offline.



When importing information from the instrument to PC, just press [Backup Restore] on the page of [Sync]. This is very convenient for you to add, edit or synchronize update information in the future.

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The New Oxford English-Chinese Dictionary ©

Oxford University Press and Shanghai Foreign Language Education Press 2007 (NOECD)

(Instant Technology Co. Ltd. have made some changes to the original work in order to make it more appropriate for readers in Taiwan.)

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FINEART Handwriting Recognition 2011.